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Secrt. II-27—100,000—21-5-48.

1948

DEVELOPMENT (~~195~~) Department.

SERIES.

G.O. No. 4959

Dated 5th October, 1948

[Despatch Abstract.]

AGRICULTURE - Grow More Food - Target for 1947-48 to 1951-52 for the spread of improved seeds of pulses, millets, oil seeds and green manure

***

GOVERNMENT OF MADRAS.
Development Department.

Letter No. 4959/48 Dt 5-10-1948.

From

The Secretary to the Govt. of Madras,
Development Department,
Fort St. George, MADRAS.

To

The Secretary to the Government of India,
Ministry of Agriculture, NEW DELHI (with encl)

Dated 5th October, 1948.

Sir,

Sub: AGRICULTURE - Grow More Food - Target for 1947-48 to 1951-52 for the spread of improved seeds of pulses, millets, oil seeds and green manure.

Ref: Corresponding ending with letter No.16204 A.III/48-5, dated 18th May, 1948.

I am directed to enclose a copy of circular letter of the Director of Agriculture, Madras, No.B.2.262/48 dated 22-8-48 together with its enclosures showing the broken down targets for each district for the period 1947-48 to 1951-52 for running seed farms and for the spread of improved seeds of millets, oilseeds pulses and green manure, for the information of the Govt. of India

P.T.O.....

The broken down targets for paddy have been communicated to in Statement No.3 enclosed with this Government's letter No.56063 A.III/47-10, dated 20th January 1948.

Yours faithfully,

Sd. x x.
30-9-1948

/True Copy/

RS/8/1/1954

No.E.2.262/48 Office of the Director of Agriculture, Chepauk, Madras, dated 22/8/1948.

CIRCULAR

Sub:-Grow More Food -Scheme No.7 - comprehensive scheme for the multiplication and distribution of improved seeds - target of acreages for running seed farms and for the spread of improved seed of millet, oil seeds, pulses and green manure - fixed.

Ref:-This office circular No.D.Dis.E.3930/48 dated 29-4-1948.

In continuation of this office circular quoted above statements I to VI showing the targets of acreages for running seed farms and for the spread of improved seeds of Cholam, Cumbu, Ragi, Tenai, Groundnut and gingelly for four years from 1948-49 to 1951-52 are enclosed. A separate statement No.VII showing the target for the multiplication of redgram and green manure seeds during 1948-49 is also enclosed.

2. In this office circular quoted above, targets of acreages for the multiplication of improved seed of paddy alone for 5 years from 1947-48 to 1951-52 under the Grow More Food five year plan have been fixed. As regards the multiplication of improved seeds of millet, pulses, groundnut and green manure crops targets fixed for 47-48 in the printed copy of the comprehensive scheme for the multiplication and distribution of improved seeds of paddy etc. sanctioned under the 3 year programme in G.O.No.2795, Development, dated 19-7-1948 were adopted as no separate targets were fixed dor these crops under the five year plan. Hence proposals for fixing of targets of acreages for crops other than paddy for five years from 1948-49 to 1951-52 were called for from Deputy Director of Agriculture. The proposals obtained from Deputy Director of Agriculture were examined in consultation with the Millet specialist, Coimbatore, and Oilseeds specialist, Coimbatore, and definite district war targets have been fixed for the multiplication of improved seeds of cholam, cumbu, ragi, Tenai, Groundnut and gingelly during the four years from 1948-49 to 1951-52 (Vide statements I toVI). The multiplication of improfed seed of gingelly is the fresh item of work to be taken up in the districts under the five year plan from 1948-49. Regarding the targets for pulses and green manure for the years 1949-50 to 51-52 the matter is still under examination but targets for the multiplication of Redgram and green manure seeds have, however, been fixed for 1948-49 vide statement VII and targets for the remaining 3 years will be communicated to District Agricultural Officers shortly.

3.Millets: To start with, all the available seed of strains from the regional research stations and all the seeds of strains which have been grown in the districts in the Cultivator's fields under depaytmental distribution in the previous year under seed farm conditions should be procured for running seed farms as the stations by themselves will not be able to supply all the seeds required. If, however, the seeds obtained from both these sources are not sufficient to sow the proposed target area of seed farms, the available quantity may be sown and difficiency made good next year to reach the target. The seeds obtained from research stations may be sown separately from the seed obtained from the cultivator's fields. It would be given therefore better not to mix these two seeds but to sow them separately, so that, if there is a choice, preference may be given to the crop raised from the seed research stations for further spread because of greater purity. Where no seed farms have been indicated it is necessary to conduct trials from this year and introduce seed farms wherever and wherever necessary.

P.T.O.....

4. Oil seeds: Efforts should be made to purchase outright the entire quantity of groundnut seeds from the seed farm: run both in the first and second stages and arrange for their distribution to sow eight times the seed farm area of the previous year. In regard to the gingelly crop wholesale purchase of the seeds from the first stage only is envisaged but active propaganda should be done to distribute the seeds among new areas. With the existing facilities for the production of nucleus seeds of improved strains of the Groundnut and gingelly at the Agricultural Research station, Tindivanam the Oil Seeds Specialist, Coimbatore will be in a position to supply every year nucleus seeds to sow about 390 acres of primary seed farms under ggroundnut and 200 acres in the case of gingelly.

5. The District Agricultural Officers are requested to make every attempt to reach the targets fixed for each year. The Deputy Directors of Agriculture are requested to closely watch the progress of the scheme and to give necessary instructions to District Agricultural Officers wherever necessary for attaining the target.

C.Vijayaraghavan,
For Director of Agriculture.

To all District Agricultural Officers (2 copies to the District Agricultural Officer, Calicut for the use of Spl.Dt.Agricultnal Officer)
To all Deputy Directors of Agriculture.
Copy to the Millet Specialist, Lawley Road P.O.
Oil Seeds Specialist -do-
Pulses Specialist -do-
Paddy Specialist -do-
Principals. Agricultural Colleges, Coimbatore and/A Bapatla.
E. Section Stock file copy to L. Section.
spare copies 20.

/True Copy/

RS/8/1/1954

Office of the Director of Agriculture,
Chepauk, Madras: 22nd August 1948.

STATEMENT VII.

Targets of acreages of seed farms to be arranged under Red-gram and green manure crops during 48-49.

Sl. No.	District.	Red-gram acres.	Green manure crops Acres.
1.	North Vizagapatam	---	3,000
2.	South Vizagapatam	..	3,150
3.	East Godavari	..	16,700
4.	West Godavari	50	16,700
5.	Kistna	..	~~100400~~
6.	Guntur	300	10,400
7.	Nellore	..	12,000
8.	Kurnool	100	2,900
9.	Cuddapah	30	1,850
10.	Bellary	120	1,000
11.	Anantapur	105	670
12.	Chittoor	..	50
13.	Chingleput		
14.	North Arcot		
15.	South Arcot		
16.	Tanjore		
17.	Trichinopoly.		
18	.Madura		
19.	Ramnad		
20.	Tinnevelly		
21.	Salem.		
22.	Coimbatore		
23.	Malabar		
24.	South Kanara		
25.	Nilgiris.		
	Total:	-----	-------

C. VIJAYARAGHAVAN,
for DIRECTOR OF AGRICULTURE.

/True Copy/ S. Jayaraman
OFFICE ASSISTANT,
MADRAS RECORD OFFICE.

RS/

23/8/54.

STATE

TARGET ACREAGES FOR THE MULTIPLICA

No.	District	Area of seed farms in acres.					Area to be	
		48-49	49-50	50-51	51-52	Total	49-50	50-
1.	Vizag (N & S)	113	226	339	~~1,450~~ 450	1,130	9,040	18,0
2.	E.Godavari			52	103	155		
3.	West Godavari			11	21	32		
4.	Kistna			17	35	52		
5.	Guntur			159	317	476		
6.	Nellpre.			100	200	300		
7.	Kurnool			55	109	164		
8.	Cuddapah			92	184	276		
9.	Bellary			115	229	344		
0.	Anantapur			141	283	424		
1.	Chittoor			120	240	360		
2.	Chingleput							
3.	North Arcot							
4.	South Arcot							
15.	Tanjore							
16.	Trichy							
17.	Madura							
18.	Ramnad							
19.	Tinnevelly							
20.	Salem.							
21.	Coimbatore							
	Total:							

Natural spread:

Year:	
1950-51	1,50,140
51-52	2,42,530
52-53	3,18,880
53-54	3,92,690
Total	22,08,480

Note: 1. The result of seed farm work of any year will be seen in th harvested from the seed farms in one year and the seed is s ment, the seed farm of 1948-49 is related to the spread in scheme come to a close in 1951-52. However the benefit obt it has accordingly been shown in this statement.

2. After departmental introduction of seed farms of strains an that a certain amount of natural spread will also accrue fo millets in those areas and it will have to be considered in involve any expenditure on the part of the department. As been taken that natural spread is equal to the area which h and this factor has been added at the end of the statement.

RS/
RM/8/1/1954

E N T II.

ON OF IMPROVED SEEDS OF CUMBU.

overed by improved strains				Expected increase in yield in tons				
51-52	52-53	Total	Normal	49-50	50-51	51-52	52-53	Total
27.120	36,160	90,400	179720	283	566	849	1132	2,830
160	8,240	12,400	61300			117	232	349
880	1,680	2,560	12900			25	47	72
1,360	2,800	4,160	20400			38	79	117
12,720	25,360	38,080	190050			358	713	1,071
8,000	16,000	24,000	113200			250	500	750
4,400	8,720	13,200	66600			108	214	322
7,360	14,720	22,080	109800			230	460	690
9,200	18,320	27,520	137110			185	379	564
11,280	22,640	33,920	170120			201	404	605
9,600	19,200	28,800	143200			279	558	837

Increase in yield due to natural spread:

Year:	
1950-51	3,733
51-52	5,444
52-53	7,470
53-54	9,842
Total	52,178

spread of the strains in the next year only because seed will be
wn for spread in the next year. On this basis, in the above state-
949-50 and so on for th following years. The seed farms under the
ined from that year's seed farm work will accrue only in 52-53 and

the spread of the same under the scheme, it is natural to expect
lowing the departmental work which will increase the production of
estimating the increased yields. The natural spread does not
basis for the estimate of increased yield from this source, it has
s come under the strains by departmental introduction in any year

Sd. C. VIJAYARAGHAVAN,
for DIRECTOR OF AGRICULTURE.

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STATEME

Q TARGET OF ACREAGES FOR THE MULTIPL

	Area of seed farms in acres.					Area to be cov		
	48-49	49-50	50-51	51-52	Total	49-50	50-51	
1. North Vizag	10	[illegible]	390	300	900	200	4,400	
2. South Visag.	10	200	390	300	900	200	4,000	
3. East Godavari			125	251	376			
4. West Godavari	300	290	280	280	1,150	10,500	10,150	
5. Kistna			200	76	864	14,400	44,400	
66. Guntur	500	500	500	500	2,000	22,000	22,000	2
7. Nellore.	500	625	625	750	2,500	20,000	25,000	2
8. Kurnool	800	1,500	1,500	1,500	5,300	32,000	60,000	6
99. Cuddapah.	300	1,000	1,000	1,100	3,400	9,000	30,000	3
10. Bellary	5,000	8,000	8,000	9,000	30,000	100,000	160,000	16
11. Anantapur	800	715	700	700	2,915	28,800	25,025	2
12. Chittoor			57	115	172			
13. Chingleput								
14. North Arcot								
15. South Arcot								
16. Tanjore.								
17. Trichinopoly.								
18. Madura.								
19. Ramnad.								
20. Tinnevelly.								
21. Salem.								
22. Coimbatore								

Note: 1. The result of seed farm work of any year will be seen in the spread strains in the next year only because seed will be harvested from t farms in one year, and the seed is sown for spread in the next yea this basis, in the above statement the seed farm of 1948-49 is rela the spread in 1949-50 and so on the for the following years. The s farms under the scheme come to a close in 1951-52. However, the ben obtained from that year's seed farm work, will acrue only in 1952-53 a it has accordingly been shown in this statement.

2. After department introduction of seed farm strains and the spread o under the scheme, it is natural to expect that a certain amount of natural spread will also accrue following the departmental work, wh will increase th production of millets in these areas and it will h to be considered in estimating the increased yields. The natural spread does not involve any expenditure on the part of the departme As a basis for the estimate of the increased yeild from this source it has been taken that natural spread is equal to the area which has come under the strains by departmental introduction in any year and this factory has been added at the end of the 1st statement.

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RS/8/1/1954

T I.

TION OF IMPROVED SEEDS OF CHOLAM.

d by improved strains				Expected increase inyield in tons.					
52	52-53	Total	Normal.	49-50	50-51	51-52	52-53	TOTAL.	
00	6,000	18,000	72,050	6	125	244	188	563	(*)
00	6,000	18,000		6	125	244	188	563	(2)
50	12,550	18,800	94,510			195	392	587	(3)
00	9,800	40,250	70,140	328	317	306	306	1,257	(4)
	28,800	43,200	217,150			450	900	1,350	(5)
00	22,000	88,000	401,500	619	619	619	619	2,476	(6)
00	30,000	100,000	382,560	536	669	669	804	2,678	(8)
00	60,000	212,000	576,250	900	1,688	1,688	1,688	5,964	(8)
00	33,000	102,000	288,400	253	844	844	928	2,869	(9)
00	180,000	600,000	692,660	2,009	3,214	3,214	3,616	12,053	(10)
00	24,500	102,025	321,000	563	503	492	492	2,050	(11)
50	5,750	8,600	442,900			74	154	230	(12)

f the seed	Natural Spread:		Increased = yield through Natural spread:	
On	1950-51	2,83,100	1950-51	6,745
l to	51-52	5,84,975	51-52	14,063
l	52-53	6,39,250	52-53	15,573
lt	53-54	7,01,050	53-54	17,127
	Grand Total	44,16,750	Grand Total	107,016

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C. VIJAYARAGHAVAN,
FOR DIRECTOR OF AGRICULTURE.

STAT

TARGETS OF ACREAGES FOR THE MULT

S.No.	District.	Area of seed farms in acres.				Area to be cove	Area in
		1948-49	49-50	50-51	51-52	48-49	49-50
1.	North Vizag	30	100	150	150	--	36
2.	South Vizag	15	50	100	100	--	180
3.	West Godavari	500	500	500	500	500	4,000
4.	Guntur	300	300	300	300	2,400	4,000
5.	Kurnool	1,500	2,500	5,000	55,000	12,000	20,000 4
6.	Cuddapah	600	4,000	4,000	2,570	4,800	32,000 3
7.	Bellary	600	4,000	4,000	44,070	4,800	32,000 3
8.	Anantapur.	600	4,000	4,000	4,070	4,800	32,000 3
9.	Chittoor	600	4,000	4,000	2,870	4,800	32,000 3
10.	Chingleput						
11.	North Arcot						
12.	South Arcot						
13.	Tanjore						
14.	Trichy						
15.	Madura						
16.	Ramnad						
17.	Tinnevelly.						
18.	Salem						
19.	Coimbatore						
20.	Malabar						
	TOTAL:						

Note: For the districts of East Godavari, Kistna and Nellore, no suit yet been spotted out. In the district of South Kanara and Nilg under the groundnut is practically nil.

RS/

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M E N T No. V.

PLICATION OF IMPROVED SEEDS OF THE GROUNDNUT.

ıd by improved seed acres.		Increased yield expected. Increased yield in tons (nuts in shells)				Remarks.
)-51	51-52	48-49	49-50	50-51	51-52	
,200	2,000	--	45	150	250	
600	1,000	--	22½	75	125	The average increase in yield is estimated at 1/8 of a ton per acre.
:000	6,000	62½	500	750	750	
400	2,400	300	300	300	300	
000	40,000	1,500	2,500	5,000	5,000	
000	32,560	600	4,000	4,000	4,070	
000	32,560	600	4,000	4,000	4,070	
000	32,560	600	4,000	4,000	4,070	
900	32,560	600	4,000	4,000	4,070	

.e strains have
.s the area/

Sd. C. V IJAYARAGHAVAN,
for DIRECTOR OF AGRICULTURE.

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P.T.O....

5.	North Arcot
6.	Tanjore
6.	Trichinopoly.
7.	Madura
8.	Ramnad
9.	Tinnevelly
10.	Salem.
11.	Coimbatore
12.	Malabar
13.	Pilgrims
14.	South Arcot
	TOTAL :

Note: For the remaining districts, no suitable strains have yet been
no multiplication workxxx has been programmed.

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STATEMEN

TARGET OF ACRE CE. FOR THE MULTIPLICATIO

S.No.	District.	Area of seed farms in acres.				Area to
		1948-49	49-50	50-51	51-52	Area in 48-49
1.	Guntur	20	20	20	20	500
2.	Kurnool	5	5	5	25	25
3.	Chingleput					
4.	North Arcot					
5.	Tanjore					
6.	Trichinopoly.					
7.	Madura					
8.	Ramnad					
9.	Tinnevelly					
10.	Salem.					
11.	Coimbatore					
12.	Malabar					
13.	Nilgiris					
14.	South Arcot					
	TOTAL:					

Note: For the remaining districts, no suitable strains have yet be no multiplication work has been programmed.

RS/9/1/1954

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o.VI.

IMPROVED SEEDS OF GINGELLY

covered by improved seed and increased yield expected.

es. 50	50-51	51-52	Increased yield in tons. 1948-49	49-50	50-51	51-52	REMARKS
00	500	500	10	10	10	10	
25	125	125	2½	2½	2½	2½	The average increase in yield per acre is estimated at 1/50 of a ton.

volved. Hence

(sd.) C. VIJAYARAGHAVAN,
for DIRECTOR OF AGRICULTURE.

STATE

Target of acreages for the m

Col. No.	District.	Area of seed farms in acres.					rea
		48-49	49-50	50-51	51-52	Total	49-50
1.	North Vizag.	800	160	160	160	1,280	80,000
2.	South Vizag.	400	80	80	80	640	40,000
3.	East Godavari.						
4.	West Godavari						
5.	Kistna.						
6.	Guntur	50	60	60	80	250	2,500
7.	Nellore	100	100	100	100	400	5,000
8.	Kurnool						
9.	Cuddapah	120	120	80	80	400	12,000
10.	Bellary.	60	60	60	20	200	6,000
11.	Anantapur.	80	200	200	120	600	8,000
12.	Chittoor.	300	300	300	100	1,000	30,000
13.	Chingleput.						
14.	N. Arcot.						
15.	S. Arcot						
16.	Tanjore						
17.	Trichinopoly						
18.	Madura						
19.	Ramnad						
20.	Tinnevelly						
21.	Salem						
22.	Coimbatore						
23.	Malabar						
24.	South Kanara						
25.	Nilgiris.						
	Total:						

NATURAL SPREAD:

1950-51	3,21,250
51-52	2,05,750
52-53	2,77,500
53-54	2,21,750
Gradd Total	12,213,000

Note: 1. The result of seed farm work of any year will be seen in t from the seed farms in one year and the seed is sown for s farm of 1948-49 is related to the spread in 1949-50

2. After departmental introduction of seed farms of strains fr certain amount of natural spread will also accrue followin in those areas and it will have to be considered in estim ti on the part of the department. As a basis for th estimate spread is equal to the area which has come under the strain at the end of the statement.

. N T III

iplication of improved seeds of Ragi.

be covered by improved strains.					Expected increase in yield in tons.				
0-51	51-52	52-53	Total	Normal.	49-50	50-51	51-52	52-53	Total.
000	16,000	16,000	1,28,000		3,400	680	680	680	5,440
000	8,000	8,000	46,000	2,49,000	1,600	340	340	340	2,620
			26,380						
			9,440						
			8,500						
,000	3,000	4,000	12,500	17,680	150	180	180	240	750
,000	5,000	5,000	20,000	33,200	245	245	245	245	980
				21,520					
,000	8,000	8,000	40,000	62,290	588	588	392	392	1,960
,000	6,000	2,000	20,000	28,090	21	21	21	7	70
,000	20,000	12,000	60,000	98,900	34	83	83	50	250
,000	30,000	10,000	100,000	147,100	1,674	1,674	1,674	558	5,580

Increased yield due to natural spread:

1950-51	12,626
51-52	11,434
52-53	11,077
53-54	8,821
Grand Total:	87,916

read of the strains in the next year only because seed will be harvested in the next year. On this basis, in the above statement, the seed for the following years.

e spread of the same under the scheme, it is natural to expect that a departmental work, which will increase the production of millets he increased yields. The natural spread does not involve any expenditure ncreased yield from this source, it has been taken that natural departmental introduction in any year and this factor has been added

Sd. S. Vijayaraghavan,
For Director of Agriculture, Madras.